IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently Amended) A high toughness die-cast product, comprising an Al-Mg casting alloy having consisting essentially of 3.5 wt % \leq Mg \leq 4.5 wt %, 0.8 wt % \leq Mn \leq 1.5 wt %, Si < 0.5 wt %, Fe < 0.5 wt %, a sum (Ti + Zr) of the amounts of Ti and Zr added of equal to or greater than [[0.5]] 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, with the balance being Al.
- 2. (Previously Presented) The high toughness die-cast product according to claim 1, wherein a pouring temperature T is $720^{\circ}\text{C} \le T \le 730^{\circ}\text{C}$.
- 3. (Previously Presented) The high toughness die-cast product according to claim 1, wherein it is thin such that it has a minimum thickness t_1 of 1.2 mm $\leq t_1 \leq 3$ mm, and it is large such that a maximum flow distance d of a melt within a die cavity is 200 mm or greater.
- 4. (Canceled)
- 5. (Previously Presented) The high toughness die-cast product according to claim 1, comprising:
 - a first chill layer;
 - a second chill layer disposed on opposite side of the first chill layer;
 - a minimum thickness t_1 of 1.2 mm $\leq t_1 \leq 3$ mm;
- wherein a proportion P of the sum of thickness of the first chill layer t₃ and thickness of the second chill layer t₄ relative to the minimum thickness t₁ is at 18% or greater.

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- 6. (Currently Amended) A die-cast product, comprising an Al-Mg casting alloy having consisting essentially of 3.5 wt % \leq Mg \leq 4.5 wt %, 0.8 wt % \leq Mn \leq 1.5 wt %, Si < 0.5 wt %, Fe < 0.5 wt %, Ti > 0.2 wt %, a sum (Ti + Zr) of the amounts of Ti and Zr added of equal to or greater than 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, with the balance being Al.
- 7. (Previously Presented) The die-cast product according to claim 6, comprising:
 a first chill layer;
 a second chill layer disposed on opposite side of the first chill layer;
 a minimum thickness t₁ of 1.2 mm ≤ t₁ ≤ 3 mm;
 wherein a proportion P of the sum of thickness of the first chill layer t₁ and thickness

wherein a proportion P of the sum of thickness of the first chill layer t₃ and thickness of the second chill layer t₄ relative to the minimum thickness t₁ is at 18% or greater.

- 8. (Currently Amended) A die-cast product, comprising an Al-Mg casting alloy having consisting essentially of 3.5 wt % \leq Mg \leq 4.5 wt %, 0.8 wt % \leq Mn \leq 1.5 wt %, Si < 0.5 wt %, Fe < 0.5 wt %, Zr > 0.3 wt %, a sum (Ti + Zr) of the amounts of Ti and Zr added of greater than 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, with the balance being Al.
- 9. (Previously Presented) The die-cast product according to claim 8, comprising:
 a first chill layer;
 a second chill layer disposed on opposite side of the first chill layer;
 a minimum thickness t₁ of 1.2 mm ≤ t₁ ≤ 3 mm;
 wherein a proportion P of the sum of thickness of the first chill layer t₃ and thickness of

the second chill layer t₄ relative to the minimum thickness t₁ is at 18% or greater.

10. (New) A high toughness die-cast product, comprising: an Al-Mg casting alloy, consisting of $3.5 \text{ wt } \% \leq \text{Mg} \leq 4.5 \text{ wt } \%,$ $0.8 \text{ wt } \% \leq \text{Mn} \leq 1.5 \text{ wt } \%,$ Si < 0.5 wt %,

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Fe < 0.5 wt %,

wherein a sum (Ti + Zr) of the amounts of Ti and Zr added of equal to or greater than 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, and

balance being Al and unavoidable impurities.

11. (New) A die-cast product, comprising:

an Al-Mg casting alloy consisting of

 $3.5 \text{ wt } \% \le Mg \le 4.5 \text{ wt } \%$,

 $0.8 \text{ wt } \% \le Mn \le 1.5 \text{ wt } \%$,

Si < 0.5 wt %

Fe < 0.5 wt %,

Ti > 0.2 wt %,

wherein a sum (Ti + Zr) of the amounts of Ti and Zr added of equal to or greater than 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, and

balance being Al and unavoidable impurities.

12. (New) A die-cast product, comprising:

an Al-Mg casting alloy consisting of

 $3.5 \text{ wt } \% \leq Mg \leq 4.5 \text{ wt } \%$

 $0.8 \text{ wt } \% \le Mn \le 1.5 \text{ wt } \%$

Si < 0.5 wt %,

Fe < 0.5 wt %,

Zr > 0.3 wt %,

wherein a sum (Ti + Zr) of the amounts of Ti and Zr added of greater than 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, and balance being Al and unavoidable impurities.